

### Abstract of the Disclosure

A receiving board is set into a personal computer, a digital broadcast signal is received in the receiving board, and a high-definition television (HDTV) picture of the digital broadcast signal is decoded in the receiving board. The HDTV picture or an output picture of the personal computer is selected in a selector switch of the personal computer, and the selected HDTV picture or the selected output picture of the personal computer is directly displayed in a CRT of the personal computer or an HDTV monitor of a high-definition television set without passing through a peripheral component interconnect (PCI) bus of the personal computer. Therefore, because the HDTV picture does not pass through the PCI bus, a user can view the HDTV picture of the digital broadcast signal in the CRT of the personal computer in real time.